

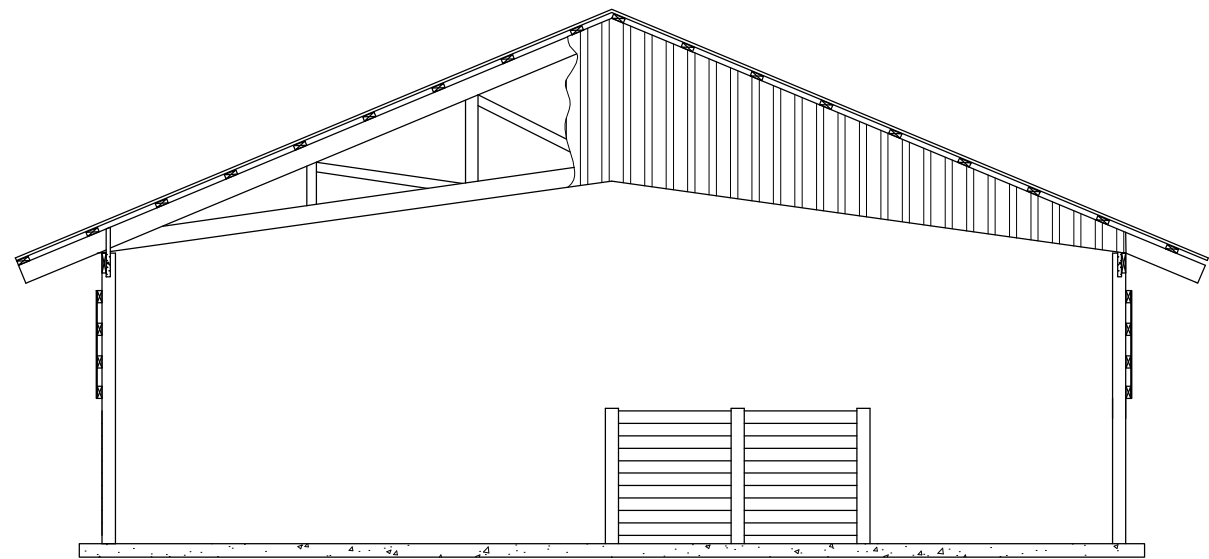
UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

GEORGIA STANDARD DRAWINGS - COMBINATION
STACK / COMPOST FACILITY WITH STANDARD
COMPOST BINS.

THE FOLLOWING DRAWINGS WERE PREPARED IN ACCORDANCE
WITH PRACTICE CODE 316 – ANIMAL MORTALITY FACILITY
AND GEORGIA BUILDING CODE (INTERNATIONAL BUILDING
CODE 2006). ANY CHANGES TO THESE DRAWINGS MUST BE
APPROVED BY AN ENGINEER WITH JOB APPROVAL LEVEL IV
OR GREATER.

THIS DESIGN IS NOT A STAND ALONE PRODUCT. THESE
DRAWINGS SHALL BE ATTACHED TO ONE OF THE FOLLOWING
GEORGIA POULTRY DRY STACK FACILITY DRAWINGS:

ga-eng-313-ps1.pdf, ga-eng-313-ps2.pdf, ga-eng-313-ps3.pdf, or
ga-eng-313-ps4.pdf.



THE NATURAL RESOURCES CONSERVATION SERVICE
HELPING PEOPLE HELP THE LAND

COMPOST FACILITY

COUNTY, GEORGIA

PRE-CONSTRUCTION CERTIFICATION:

THE _____ COMPOSTING FACILITY HAS BEEN CONSTRUCTED
IN ACCORDANCE WITH THE FOLLOWING DRAWINGS AND PRACTICE CODE
316. ALL CHANGES HAVE BEEN APPROVED BY AN ENGINEER WITH JOB
APPROVAL AUTHORITY LEVEL IV OR GREATER. ALL ADDITIONS HAVE
BEEN APPROVED BY NRCS.

OWNER	DATE	NRCS REPRESENTATIVE	DATE	ENGINEER (IF REQUIRED)	DATE
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AS-BUILT CERTIFICATION:

THIS PRACTICE HAS BEEN CONSTRUCTED IN ACCORDANCE TO THESE
PLANS AND MEETS NRCS STANDARDS AND SPECIFICATIONS.

NRCS REPRESENTATIVE	DATE	ENGINEER (IF REQUIRED)	DATE
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COMPOSTING FACILITY:

JOB CLASS: _____

INDEX TO DRAWINGS:

SHEET 1 – COVER SHEET

SHEET 2 – PLAN VIEW

SHEET 3 – STANDARD BIN FRONT – TOP VIEW
BIN WALL AND POST EMBEDMENT



REVISIONS			
DATE	APPROVED	TITLE	
09/05	H. MCFARLAND	STATE ENGINEER	
10/07	H. MCFARLAND	STATE ENGINEER	
06/11	J. HOLLOWAY	STATE ENGINEER	
07/13	D. ROBERTS	ACTING STATE ENGINEER	

Date	10/07
Designed	W. Brown
Drawn	S. Rogers
Checked	H. McFarland
Approved	J. Holloway
	H. McFarland

GEORGIA COMBINATION
STACK/COMPOSTING FACILITY
(Standard Bin Layout)



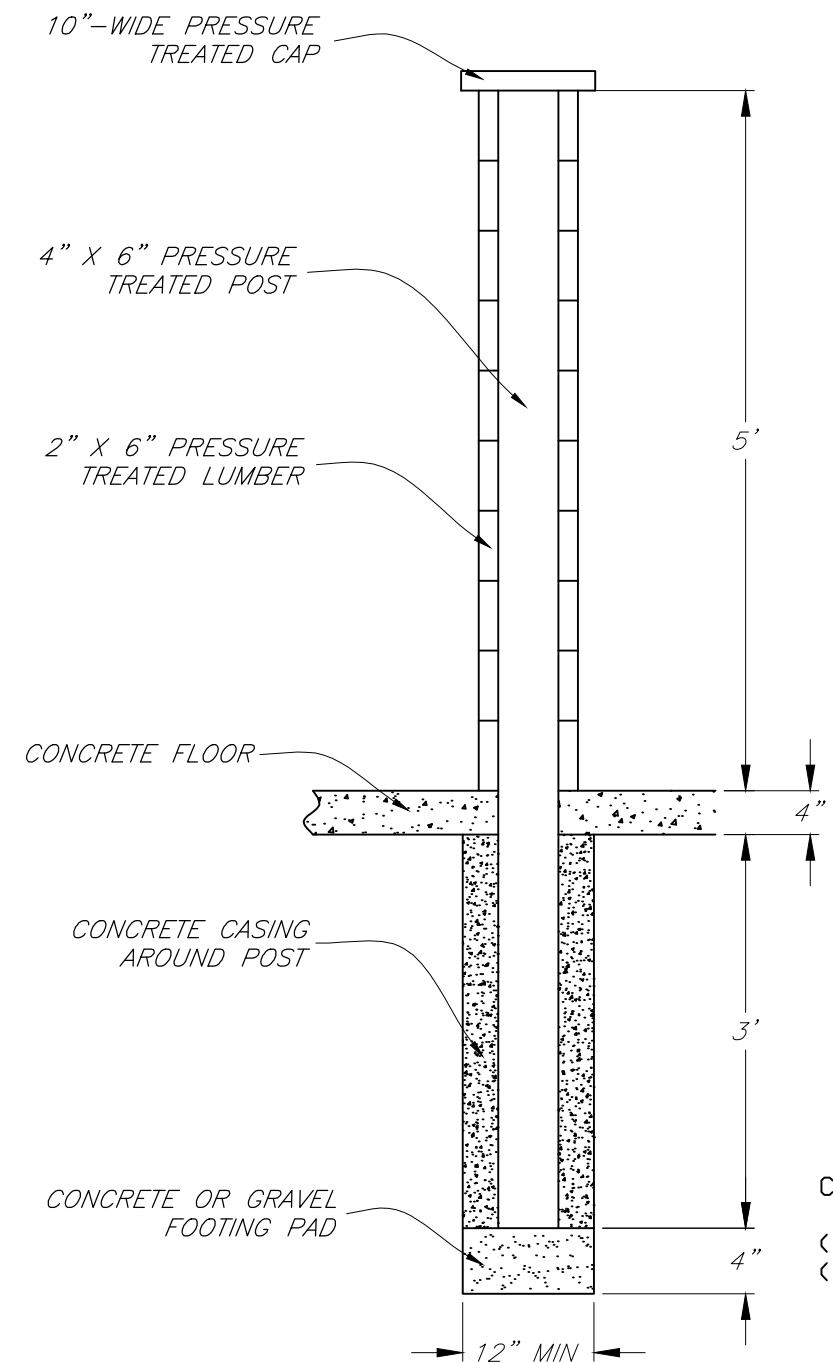
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Drawing No.
Cover

July 2013
Sheet 1 of 3

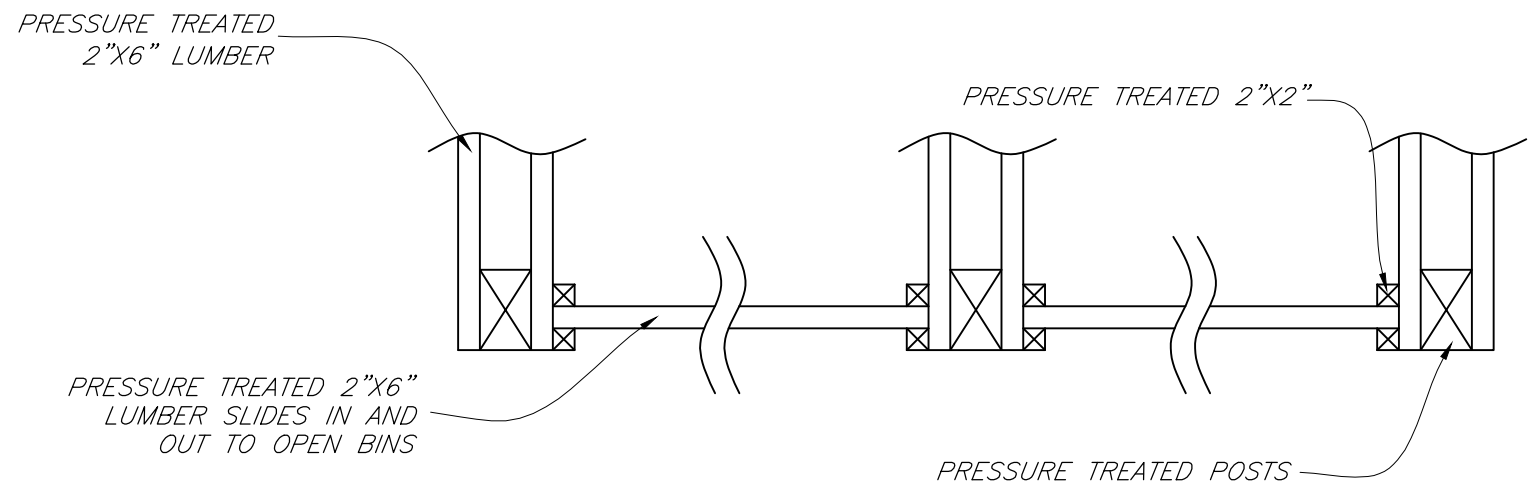


Drawing No.	
Plan	



CONCRETE QUANTITY
PER POST HOLE: 0.20 CY

BIN WALL AND POST EMBEDMENT



STANDARD BIN FRONT – TOP VIEW

NOTES:

1. ALL ENTRANCE PADS SHALL BE STABILIZED USING PRACTICE STANDARD 561 – HEAVY USE AREA.
2. ALL POSTS SHALL BE SET IN CONCRETE WITH CONCRETE OR GRAVEL FOOTING PAD (SEE BIN WALL AND POST EMBEDMENT DETAIL ON THIS SHEET).
3. ON SITE WATER SOURCE IS NECESSARY TO MAINTAIN MOISTURE CONTENT OF COMPOST.
4. OPTIONAL QUICK RELEASE BIN PLANS ARE AVAILABLE. SEE YOUR NRCS REPRESENTATIVE FOR DETAILS.

CONCRETE QUANTITY: *

- (1) BIN WALL POST HOLES -----CY
- (2) ENTRANCE PAD -----SQFT

* REFER TO STACKHOUSE DRAWING
FOR ALL OTHER CONCRETE QUANTITIES

WOOD TREATMENT TABLE

MINIMUM RETENTION RATES IN PCF					
USE	CCA	ACQ-C/D	CBA-A	CA-B	MCA
GROUND CONTACT OR FRESH WATER	0.40	0.40	0.41	0.21	0.15
IMPORTANT STRUCTURAL MEMBERS	0.60	0.60	0.61	0.31	0.23

CCA - CHROMATED COPPER ARSENATE
ACQ-C/D - ALKALINE COPPER QUATERNARY
CBA-A & CA-B - COPPER AZOLE
MCA - MICRONIZED COPPER AZOLE

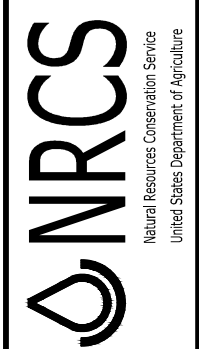
NOTES:

1. ALL WOODEN WALLS, HALF POSTS, AND BIN FRONT WOOD SHALL MEET THE GROUND CONTACT RATES.
2. ALL SUPPORT POSTS SHALL MEET THE IMPORTANT STRUCTURAL MEMBER RATES.

REVISIONS		
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09/05	H. MCFARLAND	STATE ENGINEER
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Drawing No.
Detail 1

July 2013

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